

## **Historic, Archive Document**

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## TULIPS, continued BREEDER TULIPS

The Breeders are a race of tall, handsome Tulips, generally of subdued color, including many fine purples, bronzes, dull yellows, browns, old rose, and mahogany shades. As the colors are naturally dull, it is better to plant them in a bright corner in the garden where they will receive the sunshine especially in the morning and late afternoon. The flowers are very large, carried on tall, strong stems. May-blooming.

**Bacchus.** Immense, dark violet; strong stem. **\$1.35 per doz.; \$10.50 per 100.**

**George Grappe.** Large, lavender-blue flower; distinct heavenly-blue base. Straight, tall stem. **\$1.50 per doz.; \$11.50 per 100.**

**Indian Chief** (Meyerbeer). Indian-brown, flushed coppery red. A most artistic flower carried on a very tall stem. **\$1.35 per doz.; \$10.50 per 100.**

**J. J. Bouwman.** An exquisite flower—tomato-red flushed claret, delicately edged yellowish bronze. Inside clear reddish bronze; pure yellow base. Tall, erect stem. **\$1.50 per doz.; \$11.50 per 100.**

**Jessy.** Clear coffee-brown of a rather deep shade, flushed bronzy red; distinct yellow base. **\$1.50 per doz.; \$11.50 per 100.**

**Louis XIV.** A refined coloring of rich purple, overlaid golden bronze. Enormous flower. **\$1.50 per doz.; \$11.50 per 100.**

**Tantalus.** Lilac and buff-yellow; very sturdy. **\$1.35 per doz.; \$10.50 per 100.**

**Velvet King.** Dark purple, white base. **\$1.50 per doz.; \$11.50 per 100.**

**Superfine Mixed.** Superb mixture, all colors. **\$1.30 per doz.; \$10.00 per 100.**

Individual bulbs are supplied at one-tenth the dozen rate;  
25 bulbs at the 100 rate

## PARROT TULIPS

Parrot Tulips create friends because the blooms are ragged and fringed, and effects can be obtained from them that are impossible with any other Tulips. They are most charming used as cut-flowers. Average height about 16 inches.

**Blue Parrot.** A glorious flower, bright violet shaded steel-blue. A sport from the well-known Darwin Tulip, Bleu Aimable. Very large flower on tall, strong stem. **\$1.35 per doz.; \$10.50 per 100.**

**Fantasy.** Large, salmon-pink flower with green spot at base of petals. Sport of Clara Butt. **\$1.35 per doz.; \$10.50 per 100.**

**Gadelan.** Purple; very large flower. 3 for 75c; **\$2.75 per doz.; \$20.00 per 100.**

**Orange Favorite.** Bright orange, green blotches; yellow base. Flower has good substance; strong erect stem. Sweet scented. 3 for 60c; **\$2.00 per doz.; \$15.00 per 100.**

**Sunshine.** Yellow; medium size. 3 for 75c; **\$2.75 per doz.; \$20.00 per 100.**

**Therese.** Cherry-scarlet. Flowers often 8 inches in diameter. 3 for 60c; **\$2.00 per doz.; \$15.00 per 100.**

**Violet Queen.** Soft lavender-violet; large, white center. **\$1.50 per doz.; \$11.50 per 100.**

Individual bulbs are supplied at one-tenth the dozen rate;  
25 bulbs at the 100 rate

## LILY-FLOWERING TULIPS

The Tulips offered in this class are extremely graceful and decorative. The delicately curved petals give a delightful effect, blooming at the same time as the Cottage Tulips.

**Captain Fryatt.** Dark ruby-violet with violet-blue center; strong reflexing petals. Blue and white base. **\$1.60 per doz.; \$12.00 per 100.**

**Golden Duchess.** Deep primrose-yellow. Large flower on tall stem. **\$2.65 per doz.; \$14.00 per 100.**

**Marcellina.** Delicate cerise-pink with pure white base; yellow anthers. **\$1.60 per doz.; \$12.00 per 100.**

**White Duchess.** A snow-white Lily-flowering Tulip of exquisite beauty and graceful form. White anthers. **\$1.50 per doz.; \$11.50 per 100.**

**Lily-flowering Tulips in Mixed Colors.** **\$1.50 per doz.; \$11.50 per 100.**

## PEONY-FLOWERED TULIPS

### DOUBLE LATE TULIPS

These gorgeous double Tulips are among the last of the Tulip family to bloom. When planted in a slightly shaded situation they will carry their heavy peony-like blossoms more erect.

**Coxa.** Carmine-red with small white border. **\$1.30 per doz.; \$10.00 per 100.**

**Eros.** Old rose tinted silvery rose toward the edge. **\$1.30 per doz.; \$10.00 per 100.**

**Mount Tacoma.** Large flower resembling a double pure white peony. **\$1.45 per doz.; \$11.00 per 100.**

## Striped and Feathered Tulips

**American Flag** (Old Glory). Dark red with broad white lines. Large flower with straight strong stem. **\$1.45 per doz.; \$11.00 per 100.**



BEERSHEBA



DIOTIMA

# Narcissus or Daffodils

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IN ORDER to have a beautiful bulb garden, Narcissus should be planted very freely. They thrive in practically any climate in the United States, and are not only excellent for outdoors, but millions are used every year for forcing indoors. Their graceful form, beautifully shaped trumpets and cups, and the long, straight stems have made them favorites for cut-flower purposes.

Plant in soil in pots or bulb pans. Plunge in cold-frames or place in cool basement. When well rooted bring into conservatory or greenhouse or place in sunny window in a cool temperature.

**Culture Outdoors:** Plant so that top of bulb is at least 5 inches beneath the soil. A little protection should be given during severe winter weather, although they are perfectly hardy.

## Large Trumpet Daffodils

Trumpet as long or longer than perianth segments.

**Aerolite.** A huge golden Daffodil, graceful despite its size. Perianth deep primrose, with a pure yellow trumpet. Blooms early; long lasting. **\$1.65 per doz.; \$11.50 per 100.**

**Alaska.** Giant flower of deepest gold; more graceful than most of the giant ajax varieties as the trumpet is deeply frilled and recurved. **\$2.00 per doz.; \$14.00 per 100.**

**Alasnam.** Wide, short, densely frilled trumpet of pure deep yellow, a shade deeper than the perianth; finely placed with good neck; flower "looks you in the eye." Earlier and better than King Alfred. **\$1.65 per doz.; \$11.50 per 100.**

**Beersheba.** Glistening snow-white; great size, flanged at mouth. Vigorous. Each 35c; **\$3.50 per doz.; \$25.00 per 100.**

**Dawson City.** Golden yellow. A fine garden variety. **\$1.75 per doz.; \$12.50 per 100.**

**Diotima.** A new super-giant yellow trumpet variety. Despite its huge size, the whole flower is beautifully proportioned and is carried on a tall stem. Each 50c; 3 for \$1.25; **\$5.50 per 100.**

**Eskimo.** A variety of fine build and great substance with broad perianth and very open trumpet; opens pale primrose but quickly passes to pure white; a real gem. Each 60c.

**Hendrick Ibsen.** A real golden Daffodil; a pure self color, very graceful and quite an improvement over Emperor. Very early. **\$1.50 per doz.; \$10.00 per 100.**

**King Alfred.** Large, golden yellow flower with deeply frilled mouth, elegantly recurved, of lasting quality. Round No. 1 bulbs, **\$1.50 per doz.; \$10.00 per 100.** Double Nose No. 1 bulbs, **\$1.75 per doz.; \$12.00 per 100.** Jumbo Bulbs, 3 for 75c; **\$2.50 per doz.; \$17.00 per 100.**

**Lovenest.** Nicely proportioned trumpet; saffron-yellow turning to apricot-pink. Very early. Each 40c; **\$4.25 per doz.; \$30.00 per 100.**

**Mrs. E. H. Krelage.** Really a pale bicolor, but changing to a uniform ivory-white. Smooth waxy texture with good form. **\$1.60 per doz.; \$12.00 per 100.**

**Rembrandt.** Pale yellow flowers of perfect form and substance. **\$1.75 per doz.; \$12.00 per 100.**

**Roxane.** A large, creamy white trumpet with round overlapping pure white perianth. Each 25c; **\$1.60 per doz.; \$12.00 per 100.**

**Spring Glory.** Pure yellow trumpet, white perianth. Excellent stem, and always free blooming. **\$2.00 per doz.; \$14.00 per 100.**

**Tresserve.** Deep canary-yellow with a paler perianth. The trumpet mouth is 2 inches across. **\$1.50 per doz.; \$11.00 per 100.**

## Incomparabilis Narcissus

Cup or crown not less than one-third but less than equal to the length of the perianth segments.

**Bernardino.** Perianth creamy white; cup yellow, edged orange; very free flowering. **\$1.15 per doz.; \$8.00 per 100.**

**Carlton.** A fine clear yellow of great size; crown frilled at brim. Vigorous. **\$1.45 per doz.; \$10.00 per 100.**

**Croesus.** Pale yellow perianth, orange-red crown. **\$1.25 per doz.; \$9.00 per 100.**

**Damson.** A striking flower of very brilliant color and fine substance; broad, creamy white perianth shaded yellow at base; long cup of an intense deep fuchsia-red. **\$1.45 per doz.; \$10.00 per 100.**

**Dick Wellband.** Pure white perianth with fiery red crown. Does not fade. **\$2.40 per doz.; \$17.00 per 100.**

**Francis Drake.** The pure white perianth petals are of unusual substance an inch and a half wide, and tinted gold at the base, which shows through on the outside; the cup, wide and deep, is golden yellow at the base, changing gradually to flame-orange at the densely frilled edge. **\$1.50 per doz.; \$11.00 per 100.**

**Fortune.** Broad, creamy yellow perianth of very solid texture; crown of great size and elegant form, opening at mouth and beautifully frilled, of a glowing soft orange. A Giant Incomparabilis of perfect form; early; a strong grower. Undoubtedly will soon become one of the more popular varieties. **\$2.50 per doz.; \$18.00 per 100.**

**Hades.** A flower of wonderful color. Large, creamy white perianth, of excellent substance; large expanded crown of a real deep cherry-red; height 24 inches. A very strong, vigorous variety which holds its color exceptionally well. Each 50c; **\$5.50 per doz.; \$40.00 per 100.**

**Helios.** Overlapping, flat, deep golden yellow perianth. Large trumpet opens light orange changing to deep orange. **\$1.25 per doz.; \$8.50 per 100.**

**John Evelyn.** Flat perianth, 4 to 6 inches across, with a flat cup nearly 2 inches in diameter, densely frilled. Perianth pure white and cup lemon-yellow, fluted to the base. **\$1.35 per doz.; \$9.50 per 100.**

## INCOMPARABILIS NARCISSUS, continued

**Milford Haven.** Cream-white perianth, wide cup, ruffled and deeply frilled at edge, chrome-yellow at base, and shading into rich orange-scarlet. **\$1.75 per doz.; \$12.00 per 100.**

**Nova Scotia.** Very large, flat, golden yellow cup with heavy deep orange margin; perianth creamy white. **\$2.25 per doz.; \$16.00 per 100.**

**Orange Glow.** Yellow perianth, orange crown. **\$1.25 per doz.; \$9.00 per 100.**

**Scarlet Elegans.** Dark yellow perianth with large orange-red crown. **\$1.25 per doz.; \$9.00 per 100.**

**Sir Watkin.** Primrose perianth, deep yellow cup. Large flower. **\$1.25 per doz.; \$9.00 per 100.**

**Yellow Poppy.** Well-formed flower with a primrose-yellow perianth; cup wide and shallow, edged orange. **\$1.25 per doz.; \$9.00 per 100.**

## Barri Narcissus

Cup or crown less than one-third the length of the perianth segments.

**Alcida.** Flat, star-shaped, pure white perianth with petals over 1 1/4 inches wide; broad citron-yellow cup with blood-orange frill. Free flowering; very late. **\$1.35 per doz.; \$9.50 per 100.**

**Bath's Flame.** Yellow perianth with darker cup, deeply edged orange-scarlet. **\$1.25 per doz.; \$9.00 per 100.**

**Diana Kasser.** Pure white perianth and a large fluted yellow cup with blood-red frill. Free-flowering and an excellent forcer. **\$1.15 per doz.; \$8.00 per 100.**

**Firetail.** Broad-petaled, creamy white perianth and large orange cup with scarlet-orange frill. **\$1.35 per doz.; \$9.50 per 100.**

**Mrs. Barclay.** Large flower with flat, reflexed, broad-petaled perianth of pale primrose; deeply frilled, flat cup of primrose-yellow, with dainty orange picotee. Extremely showy. **\$1.35 per doz.; \$9.50 per 100.**

**Mrs. Walter Brewster.** Fine reflexed perianth of pure white; flat cup, lemon-yellow edged with oxblood-red; fine lasting flower; one of the best. **\$1.25 per doz.; \$9.00 per 100.**

**Verger.** Pure white perianth with scarlet cup—a valuable addition to the Barri class. **\$2.15 per doz.; \$15.00 per 100.**

## Leeds Narcissus

Perianth white, and cup or Crown white, cream or pale citron, sometimes tinged with pink or apricot.

**Daisy Schaeffer.** Flowers very large but graceful in form. Perianth pure white with cup opening primrose and turning to light canary-yellow, deeper at the base. **\$1.75 per doz.; \$12.00 per 100.**

**Gertie Millar.** Pure white perianth with a pale primrose cup, deeply fluted and frilled. Most handsome. Each 25c; **\$2.25 per doz.; \$16.00 per 100.**

**Mrs. Nette O'Melveny.** Pure white perianth and cup of clear lemon-yellow with orange picotee. Splendid foliage; tall, graceful stem. **\$1.10 per doz.; \$7.50 per 100.**

**Mrs. R. O. Backhouse.** This is the famous "pink Daffodil." Perianth of ivory-white, beautifully proportioned. Slim long trumpet of apricot-pink changing to shell-pink at the deeply fringed edge. Long lasting; early. Each 40c; **\$4.25 per doz.; \$30.00 per 100.**

**Silver Star.** Broad-petaled, star-shaped perianth of pure cream-white, with wide-mouthed trumpet of primrose, changing to cream-white. Extra fine, and very free-flowering. Each 25c; **\$2.25 per doz.; \$16.00 per 100.**

**Tunis.** Broad waved white perianth and large, bold ivory crown flushed pale coppery gold at the edge. **\$1.75 per doz.; \$12.00 per 100.**

**Veronica.** Perfectly rounded, broad-petaled, pure white perianth; small, deeply frilled and fluted cup of pinkish apricot. Especially dainty and charming. Each 75c.

Individual bulbs are supplied at one-tenth the dozen rate;  
25 bulbs at the 100 rate

## Sweet-Scented Poetaz Narcissus

**Klondyke.** Rich yellow perianth; darker cup. **\$1.10 per doz.; \$7.50 per 100.**

**Lauren Koster.** Creamy white perianth; lemon-yellow cup. Free flowering. **\$1.10 per doz.; \$7.50 per 100.**

## Triandrus Hybrids

**Moonshine.** A beautiful Triandrus hybrid. Star-shaped, creamy white flower, often 3 to a stem, drooping gracefully. Very beautiful and a great favorite, especially for the rock-garden or for naturalizing in the shade. **\$1.75 per doz.; \$12.00 per 100.**

**Thalia.** Two or three lovely pure white flowers per stem, 2 inches or more across, making a beautiful cluster. Suitable for rock-garden or for forcing. Each 25c; **\$2.25 per doz.; \$16.00 per 100.**

## Double Narcissus

**Albus Plenus Odoratus.** (Double White Poeticus.) Snowy white; sweet-scented. **\$1.15 per doz.; \$8.00 per 100.**

**Cheerfulness.** This attractive double-flowering Poetaz Narcissus carries three or four fragrant flowers in clusters. A wonderful cut-flower. **\$1.25 per doz.; \$8.50 per 100.**

**Indian Chief.** Very large and very double; bright yellow interspersed with orange; petals curled and twisted. **\$1.35 per doz.; \$9.50 per 100.**

**Irene Copeland.** Large, full, double, snow-white flowers with primrose markings; a lovely and distinct variety with strong, rigid stems. Each 35c; **\$3.50 per doz.; \$25.00 per 100.**

**Mary Copeland.** One of the famous varieties of the new semi-double type, this variety has been termed the most striking double in cultivation. The longer petals are pure cream-white with a golden ray down the center, interspersed with shorter petals of lemon and brilliant orange, giving a three-color effect. Unsurpassed for the garden or the show bench. Each 35c; **\$3.50 per doz.; \$25.00 per 100.**

**Royal Sovereign.** A valuable addition to the Twink group of semi-doubles. The most graceful of all in form, and the most charming, if not the most striking in coloring: creamy white interspersed with crinkled and frilled trumpet petals of primrose-yellow, shading to pale primrose as the flower develops; a Daffodil appealing to every flower-lover's fancy. **\$2.40 per doz.; \$17.00 per 100.**

**Texas.** Pale yellow interspersed with brilliant orange; very late and tall. Each 35c; **\$3.25 per doz.; \$22.00 per 100.**

**Twink.** Petals alternating soft primrose and clear orange. Flowers very early and is particularly suited for forcing. **\$1.50 per doz.; \$11.00 per 100.**

## Poeticus Narcissus

**Actaea.** Pure white with a very large, orange-red eye. **\$1.25 per doz.; \$8.50 per 100.**

**Recurvus.** (Pheasant's Eye; Poet's Narcissus.) Pure white, with distinct red crown; sweet-scented. **\$1.00 per doz.; \$6.75 per 100.**

## Jonquil Hybrids

**Campanelle, Single.** A tiny golden Daffodil frequently having three blooms on a stalk. Very sweet-scented. **\$1.25 per doz.; \$8.50 per 100.**

**Trevithian.** Pale lemon-yellow. Produces two or more scented flowers on a stem. Free flowering. **\$1.25 per doz.; \$9.00 per 100.**

THE J. CHAS. McCULLOUGH  
SEED CO.

230 East Fourth St., P. O. Box 146

CINCINNATI 1, OHIO



# Hardy Lilies

## ARE A PERMANENT GARDEN INVESTMENT

We offer you healthy American-Grown Lilies grown for McCulloughs in Oregon by Jan de Graaff.

Lilies are hardy garden subjects and the hybrids we offer are actually more vigorous, as well as more showy, than the originals.

**Cultural Requirements of Lilies** as a group are much the same as those of daffodils and other bulbs; namely, well-drained soil, feeding by means of composts or chemical fertilizers in preference to manures; protection of less hardy types with mulches, and protection of all types of Lilies from alternate freezing and thawing; and in the summer to keep the bulbs cool. The recommended planting depth for each variety is included in the description. Depths indicated are for average soil. Plant a bit shallower in heavy soils and somewhat deeper in light, loose, sandy soils. Deeper planting to keep the bulb cool is unnecessary. Surface mulches or light shade are much more effective.



RED CHAMPION RUBRUM LILY

**Bellingham Hybrid Lilies.** A strain of Lilies named in honor of the late Dr. David C. Griffiths of Bellingham, Washington Experiment Station. A very desirable Lily for cut-flower purposes or woodland planting. The pyramidal flower-heads, bearing up to 20 flowers, may be cut as the first buds open. The color-range is complete from clear yellow through the yellow-oranges to the bright orange-reds with scarlet-tipped petals. Most of the flowers are spotted with brown or reddish brown. They thrive in cool light soil in partial shade. Plant 5 inches deep. Packed 3 bulbs in a box. **\$1.00 per box.**

**Lilium candidum.** New Strain *Cascade Madonna Lilies.* The Madonna Lily is one of the loveliest of white Lilies. Its delightful fragrance and beautiful white flowers make it a symbol of purity. A new and beautiful strain originated in the country! Stems tall and straight, flowers of unusual texture and perfect form. Greatly resistant to botrytis. Particularly recommended for permanent plantings. Lilium candidum is one of the few bulbs which requires very shallow planting and the top of the bulb should not be over an inch below the surface of the ground. Each 65c; **\$7.00 per doz.; \$50.00 per 100.**

**Lilium centifolium, Olympic Hybrids.** These magnificent hybrids are the result of crossing such varieties as *Lilium centifolium leucanthum*, C. G. Creelman, Sargentiae and Regal. Delightfully fragrant and showy, characterized by extreme vigor and size. All are white inside the exteriors of the petals are delicately shaded with light greenish, brown, or soft white tints. Very hardy and truly resembles a much improved Regal Lily. Plant the bulbs 5 to 6 inches deep. July-flowering, blooming somewhat later than the Regal. Packed 3 bulbs in a box, **\$1.00 per box.**

**Western Sunset Lily (*Lilium pardalinum giganteum*).** One of the most popular Lilies grown. Trouble-free, strong growing Lily which does well in any situation. Prefers slight shade and moist, cool soil. Plant 4 to 5 inches deep. Height 4 to 6 feet. The bright red tipped recurved flowers open in early July. Each 45c; **\$4.50 per doz.**

**Lilium regale (The Regal Lily).** One of the easiest Lilies to grow. Flowers are white suffused with gold and yellow on the inside, and slightly stained purple on the back of the outer petals. Culture same as for Olympic Hybrids. Regal flowers a week earlier. **Flowering bulbs, 9 to 10 inches, each 50c; 3 for \$1.25; \$5.00 per doz.; \$35.00 per 100. Mammoth bulbs, each 75c; 3 for \$2.00; \$7.75 per doz.; \$60.00 per 100.**

**Red Champion Rubrum Lilies.** The red showy Lily of Japan. A grand species for garden decoration, for cut-flowers, for pot-culture in a cool greenhouse. Not as difficult to grow as sometimes believed. A situation in well-drained soil where it can receive light shade during the hottest part of the day is its main requirement. Plant 6 inches deep. Late August or September flowering. Each **\$1.00; 3 for \$2.85; \$11.00 per doz.**

**Lilium Shuksan.** A handsome, easily grown, disease-resistant garden Lily. Similar in type and habit to the Bellingham Hybrid Lilies. Color is soft bright yellow broken by large, widely spaced soft brown spots. Petals reflex and roll back as flower opens. Vigorous grower. Each **60c; 3 for \$1.50; \$5.50 per doz.**

**Lilium tigrinum splendens.** A vigorous form of the old-fashioned Tiger Lily. The large flowers are a rich dark salmon-orange spotted with glossy black. Plant 5 to 6 inches deep, preferably in a sunny location. August to September flowering. Each **40c; \$4.50 per doz.**

### "Garden of Lilies" for 1948

This collection will contain five varieties, two bulbs of each. The bulbs are grown for McCulloughs in Oregon by Jan de Graaff and are wrapped in special vegetable parchment squares, which will show variety name and description as well as cultural directions. Two each of *Lilium centifolium* "Olympic Hybrids," *Lilium* "Bellingham Hybrids," Sunset Lily, and two bulbs each from two other varieties will be used, our choice **\$2.95 per collection of 10 bulbs.**



MADONNA LILIES



WESTERN SUNSET LILY

### Bulbs for Indoor Culture

#### Polyanthus Narcissus

**Fragrant Paper-White Narcissus.** This is the easiest and most satisfactory of all flowers to grow indoors. Planted in a bowl with pebbles and water, the bulbs bloom in six to eight weeks. By starting a new lot of bulbs every two or three weeks, a constant supply of these beautiful flowers may be had all winter. **Large bulbs, 3 for 25c; 85c per doz.; \$6.00 per 100. Mammoth bulbs, 3 for 35c; \$1.10 per doz.; \$8.00 per 100.**

**Soleil d'Or.** This is the so-called "Yellow Paper-White Narcissus." The culture is the same as for the Paper-White Narcissus offered above. Deep yellow flowers with an orange-yellow cup. **3 for 50c; \$1.50 per doz.; \$10.00 per 100.**

#### Chinese Sacred Lily

(Narcissus)

Flowers in clusters. Color white with yellow cup and very fragrant. Culture the same as Paper-White Narcissus. **3 for 50c; \$1.50 per doz.; \$10.00 per 100.**

#### FREESIAS

**Tecolote Hybrids.** Pure white. **65c per doz.; \$4.50 per 100.**  
**A Well-blended Mixture.** A splendid strain containing a large number of beautiful colors. **65c per doz.; \$4.50 per 100.**



PAPER-WHITE NARCISSUS



SOLEIL D'OR NARCISSUS



FREESIAS

## You too - can have a beautiful lawn!

### START YOUR LAWN THIS WAY

Be sure that the soil has good drainage and that the seed bed is fine, smooth, and mellow. Careful consideration should be given to the kind of seed to be used. The cost of the seed represents the smallest part of the investment. It is false economy to save a few cents by purchasing lawn seed from a questionable source, only to be annoyed later by repatching a weedy turf or being required to do the entire work over.

Select a calm day and sow half the quantity one way and the remaining half at right angles. Seed at the rate of a pound to 200 square feet on new lawns or 125 to 150 pounds per acre. It requires about half as much seed for an established lawn. A thick sod is the best protection against weeds. The seed should be covered by light raking and a top dressing of peat moss or humus. The lawn is then ready for rolling. If watering is necessary, use a fine spray to prevent washing.

#### Facts Concerning Late Summer and Early Fall Sowing

The cool, moist weather of late summer and early fall affords an ideal condition for renovating or rebuilding a lawn that has suffered from drought, neglect, or the ravages of crab grass or other weeds. Fall is also the ideal time for building a new lawn. Seed sown at this time will show quicker growth and has a tendency to stool or spread out, a condition not present during the warmer months. Competition with weeds is practically eliminated at this season, since they will not germinate until spring, by which time fall-sown grass is thoroughly established. Seed may be sown successfully as late as November in the latitude of Cincinnati, but we would recommend September for best results.

#### ACME SUPERFINE LAWN SEED

As the name implies, this mixture is the finest that modern seed-cleaning machinery can produce. Over 99.90 per cent free from weeds. It contains only the plump seeds which produce the strong healthy plants. It is a scientific combination of extra-heavy Kentucky Blue Grass, Fancy Red Top and Creeping Bent. All deep-rooting permanent grasses, free from any of the coarse grasses. Truly the best lawn seed obtainable. **Lb. \$1.25; 3 lbs. \$3.65; 5 lbs. \$6.00; 10 lbs. \$12.00; 20 lbs. \$22.00; 25 lbs. \$27.50.**

#### EMERALD LAWN SEED

Our standard mixture that has proved satisfactory to our customers over a period of many years. Produces a good clean permanent turf. Composed of re-cleaned Kentucky Blue Grass, Fancy Red Top, Creeping Bent, Cheving's Fescue, White Clover, and other fine grasses all carefully blended.

**Emerald will give satisfaction. Lb. \$1.00; 3 lbs. \$2.90; 5 lbs. \$4.75; 10 lbs. \$9.50; 20 lbs. \$17.00; 25 lbs. \$21.25.**

#### NAPHTHALINE FLAKES

Naphthaline Flakes are recommended for the control of moles and field mice. Do not place Naphthaline Flakes under the bulb. Set the bulb, cover lightly with soil, then sprinkle about 1 teaspoonful of flakes over each bulb; the balance of soil can then be placed over the bulb. **Lb. 30c; 5 lbs. \$1.25; 25 lbs. \$5.75.**

#### Prepared Bulb Fiber

For growing bulbs, such as hyacinths, tulips, and narcissus, it has proved a great success. **Pkg. 25c.**

**The J. Chas. McCullough Seed Co. 230 East Fourth St. Cincinnati 1, Ohio**  
P. O. Box 146





DUTCH IRIS,  
WEDGWOOD

## BULBOUS IRIS

Few bulbous plants are as easy to grow as the bulbous Iris. Their flowers are as graceful as orchids, are valuable as cut-flowers and also very showy in the flower garden. We offer two types: **Dutch**, which is a splendid improvement over the old Spanish, and in addition to the Dutch we offer a hybrid type known as **Wedgwood**. Bulbs of Dutch Iris when planted outdoors should be set 4 to 5 inches deep.

### Dutch Iris

#### JUNE BLOOMING

##### For Indoor or Outdoor Blooming

**Blue Horizon.** Light violet-blue standards; falls soft sky-blue, narrow orange stripe. 75c per doz.; \$5.25 per 100.

**D. Haring.** Standards grayish white; falls pure white. A very large flower of great substance. 75c per doz.; \$5.25 per 100.

**Imperator.** Large, free-flowering, dark blue. 75c per doz.; \$5.25 per 100.

**White Excelsior.** Very early; uniform pure white; falls very broad. \$1.00 per doz.; \$7.00 per 100.

**Yellow Queen.** Standard and falls golden yellow; very tall and early. 90c per doz.; \$6.25 per 100.

**Mixed Dutch Iris.** A mixture of named varieties including the above. 75c per doz.; \$5.25 per 100.

### Iris Hybrid

Especially recommended for early forcing in greenhouse; excellent in the garden also.

**Wedgwood.** Standards dark blue; falls pale blue with yellow blotch. 85c per doz.; \$6.00 per 100.



L'INNOCENCE



KING OF THE BLUES



JAN BOS

## The Fragrant HYACINTHS

### WHITE

**L'Innocence.** Pure white, fine large flower. Each 40c; \$4.00 per doz.; \$30.00 per 100.

### BLUE

**Bismarck.** Sky-blue; broad spike; early forcer. Each 40c; \$4.00 per doz.; \$30.00 per 100.

**Duke of Westminster.** Deep purplish-blue bells have white centers. Each 40c; \$4.00 per doz.; \$30.00 per 100.

**Grand Maitre.** Deep porcelain-blue; large bells. Each 40c; \$4.00 per doz.; \$30.00 per 100.

**King of the Blues.** Rich dark blue. Each 40c; \$4.00 per doz.; \$30.00 per 100.

**Myosotis.** A catching tone of light forget-me-not-blue. Each 40c; \$4.00 per doz.; \$30.00 per 100.

**Queen of Blues.** Pale azure-blue; large spike. Each 40c; \$4.00 per doz.; \$30.00 per 100.

### YELLOW

**City of Haarlem.** Golden yellow, well-formed flower. Each 40c; \$4.00 per doz.; \$30.00 per 100.

### Choice Unnamed Bedding HYACINTHS

In separate colors and mixed shades for pots and bedding.

Each 25c; \$2.25 per doz.; \$16.00 per 100

Blue Pink Red White

### Choice Named Single HYACINTHS

Price per dozen and on single bulbs includes postage.

ALL NAMED HYACINTHS, TOP SIZE BULBS:

#### RED AND ROSE

**Jan Bos.** Striking deep red. Each 40c; \$4.00 per doz.; \$30.00 per 100.

**Nimrod.** Tender, rosy pink; early. Each 40c; \$4.00 per doz.; \$30.00 per 100.

**Pink Pearl.** Deep rose with lighter edge; early. Each 40c; \$4.00 per doz.; \$30.00 per 100.

**Queen of Pinks.** A lovely rose-pink; late forcer. Each 40c; \$4.00 per doz.; \$30.00 per 100.

## Miscellaneous Bulbs

### CHIONODOXA (Glory-of-the-Snow)

An early-flowering spring bulb, very desirable for use in borders or rockwork. The charming, small, star-shaped flowers are borne loosely on a small spike 4 to 5 inches long, and are of an attractive blue color. The bulbs should be planted about 3 inches apart. If planted in masses, close together, where they may be left undisturbed, they will continue to improve year after year.

**Gigantea.** A striking variety with unusually large, lilac-blue flowers with a conspicuous white center. 50c per doz.; \$3.50 per 100.

### ERANTHIS HYEMALIS (WINTER ACONITE)

Early in the spring the golden blossoms look charming, resting on an emerald-green cushion of leaves and forming a striking contrast to the snowdrops, scillas, and chionodoxas. The foliage remains long after the flowers, making the plant especially valuable in moist situations, such as under trees, which the Winter Aconite enjoys and where few other flowering plants will thrive. Plant firmly, 2 inches deep, about fifteen bulbs to the square foot. 50c per doz.; \$3.50 per 100.

### FRITILLARIA

**Meleagris.** Single, dwarf, spring-flowering plants, bearing large, pendent, bell-shaped flowers of yellow, white, black, purple, striped, and splashed and checkered in the most curious way. They are invaluable for rock-gardens and pretty when grown in large groups in a dry situation. 50c per doz.; \$3.50 per 100.



CROCUS

### SNOWDROPS (Galanthus)

Everybody knows the Snowdrop, with its little white bells coming through the snow very early in the spring—practically the first flower to show itself after the dreariness of winter. It is a wonderful bulb for naturalizing and planting in every garden. Plant 2 to 3 inches deep and 1 inch apart. Can also be grown in pots or baskets.

**Single-flowering.** 75c per doz.; \$5.50 per 100.

### GRAPE HYACINTH (Muscari)

Charming, hardy spring-flowering bulbs. They are somewhat like the Hyacinth, but the clusters and the individual flowers are smaller and of delicate shape. Invaluable for naturalizing, especially with Narcissus.

**Early Giant.** Clear bright blue; large; early. 55c per doz.; \$3.75 per 100.

**Alba.** A pure white form of the above. 85c per doz.; \$6.75 per 100.

### SCILLA CAMPANULATA (WOOD-HYACINTH)

This interesting class blooms during early May. The bell-shaped flowers are carried on slender, graceful spikes. Plant 3 to 4 inches deep and 6 inches apart. Very effective for borders and will thrive in shaded situations under trees.

**Excelsior.** Large; deep blue bells; tall, large spikes. 55c per doz.; \$3.75 per 100.

**Rose Queen.** Bells are soft lilac-rose. Very pretty. 55c per doz.; \$3.75 per 100.

**White Queen.** Pure white. 55c per doz.; \$3.75 per 100.



SCILLA SIBIRICA



GALANTHUS (Snowdrop)

### SCILLA (Harebell)

Very early-flowering bulbs, doing well in ordinary soil, producing fine, graceful spikes of bell-shaped flowers. Extremely showy and attractive as pot-plants and require about the same treatment as hyacinths.

**Sibirica, Spring Beauty.** Striking, large clear blue, much larger than Sibirica. 65c per doz.; \$4.50 per 100.

### LEUCOJUM (Snowflake)

**Gravetype Giant.** An entirely new variety of Leucojum which is extremely robust and prolific. It produces in May large heads of open, drooping bells of solid white, tipped green. This giant variety of the well-known old-fashioned Snowflake will be immensely popular as it is very much larger and stronger. Each 20c; \$2.00 per doz.; \$14.00 per 100.

### SPRING-FLOWERING CROCUS

Crocus are frequently the first flowers to appear in spring, coming a few days after the snow disappears. They are at their very best when scattered over a lawn or planted in rows as a border for a bed of perennials. When used on the lawn, scatter them freely over the surface, then lift the sod with a trowel and slip the bulb underneath. Crocus may also be grown in pots or bulb pans and will produce a pleasing effect. The bulbs are entirely hardy, and the grass may be mowed without injuring the Crocus plants.

**Midnight.** Very dark purple; extra large. 60c per doz.; \$4.00 per 100.

**Queen of the Blues.** Pure light lilac-blue. 60c per doz.; \$4.00 per 100.

**Mammoth Yellow.** Golden yellow. A favorite extra-large variety having many flowers. 60c per doz.; \$4.00 per 100.

**Snowstorm.** Pure white; very large flowers. 60c per doz.; \$4.00 per 100.

**Striped Beauty.** Blue, striped white. 60c per doz.; \$4.00 per 100.

**Mixed Colors.** 60c per doz.; \$4.00 per 100.

### Crocus for Bedding

Blue	White	Striped
Yellow	Mixed	
40c per doz.; \$2.50 per 100		

### LYCORIS (Hardy Amaryllis)

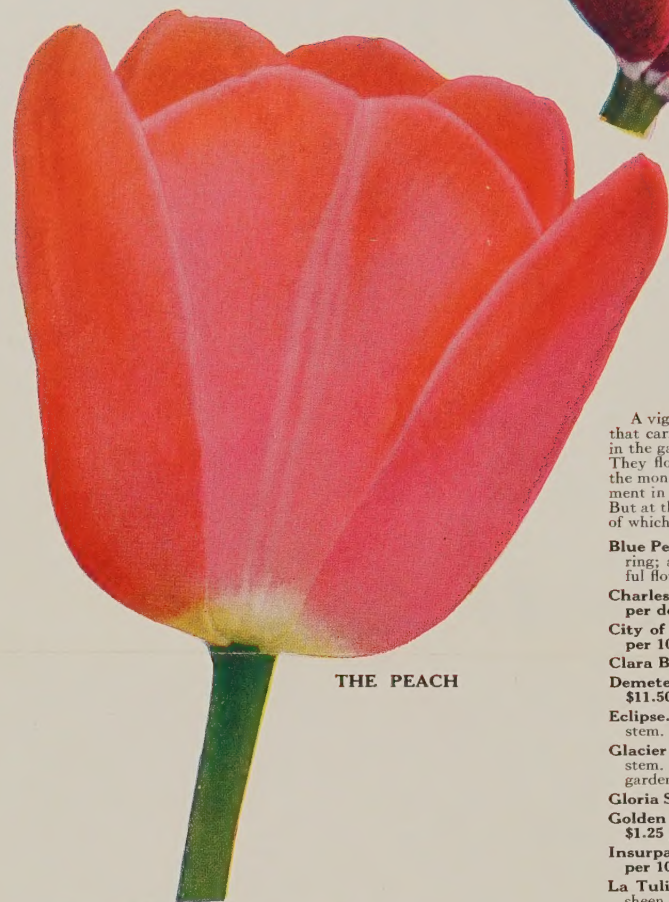
#### Amaryllis Halli

Produces in early spring attractive green foliage which grows until July, when it ripens and disappears. About a month later to your surprise the flower stalks spring from the ground to a height of 2 to 3 feet, developing an umbel of large lily-shaped flowers, eight to twelve in number, of a delicate lilac-pink shade. The bulb is perfectly hardy; must be planted in fall; cover the bulb about 4 inches.

Each \$1.00, \$11.00 per doz.



# Plant Tulips This Fall for Blooms Next Spring . . .



THE PEACH



MME.  
BUTTERFLY



MARGAUX

## DARWIN TULIPS

Darwin Tulips bloom in May, have tall, straight stems, and are considered the most valuable of the Tulip family. Flowers are large, deeply cupped, and are ideal for cutting. Colors range from white to purplish black, including shades of crimson, violet, rose, etc.

A vigorous race of self-colored Tulips distinguished by their strong stems that carry the blooms well above the foliage, thus adding to their beauty in the garden and increasing their value for cutting and indoor decoration. They flower simultaneously with the Breeder and Cottage Tulips during the month of May. We offer below the new varieties which show improvement in color, height, or in some important respect, over the old varieties. But at the same time we retain the best of the old and tried varieties, many of which remain the best in their class.

- Blue Perfection.** Bright violet, bordered heliotrope; base white with blue ring; anthers black. Petals pointed and slightly reflexed. Very beautiful flower of good form and substance. **\$1.30 per doz.; \$10.00 per 100.**
- Charles Needham.** A glorious carmine-scarlet flower; exceptional. **\$1.30 per doz.; \$10.00 per 100.**
- City of Haarlem.** Handsome vermilion flower. **\$1.30 per doz.; \$10.00 per 100.**
- Clara Butt.** Soft salmon-rose-pink. **\$1.30 per doz.; \$10.00 per 100.**
- Demeter.** Deep violet-blue; large; extremely early. **\$1.50 per doz.; \$11.50 per 100.**
- Eclipse.** Warm crimson-maroon, with blue base. Large flowers, stiff stem. **\$1.30 per doz.; \$10.00 per 100.**
- Glacier (Wildlust).** A Giant among white Tulips; white anthers; straight stem. Oval-shaped flower of great substance. Flowers last well in the garden or when cut. **\$1.60 per doz.; \$12.00 per 100.**
- Gloria Swanson.** Carmine with blue base. **\$1.25 per doz.; \$9.50 per 100.**
- Golden Age.** Deep golden yellow, inside lighter; yellow anthers. Tall. **\$1.25 per doz.; \$9.50 per 100.**
- Insurpassable.** Orchid-lavender, white center. **\$1.50 per doz.; \$11.50 per 100.**
- La Tulipe Noire (The Black Tulip).** Deep maroon-black, with velvety sheen. **\$1.30 per doz.; \$10.00 per 100.**
- Magic Fire.** Deep red. **\$1.15 per doz.; \$9.00 per 100.**
- Mme. Butterfly.** Lovely pale mauve shaded violet; white base; black anthers. Large, egg-shaped flower on a tall, stiff stem. **\$1.45 per doz.; \$11.00 per 100.**
- Margaux.** Deep wine-red, broadly edged with a lighter shading of wine-red; blue base; straight stem. A Tulip of great size and beauty. There is no other Tulip in this color. **\$1.45 per doz.; \$11.00 per 100.**
- Mrs. Grullemans.** Pure white with light yellow anthers; large. **\$1.45 per doz.; \$11.00 per 100.**
- Niphetos.** Soft yellow inside, creamy outside. Long flower. **\$1.25 per doz.; \$9.00 per 100.**
- Pride of Haarlem.** Bright carmine-rose, with blue base. **\$1.15 per doz.; \$9.00 per 100.**
- Pride of Zwanenburg.** Salmon-rose; immense. **\$1.50 per doz.; \$11.50 per 100.**
- Princess Elizabeth.** Crimson-pink, edged soft rose-pink; white base. **\$1.25 per doz.; \$9.50 per 100.**
- Scotch Lassie.** Pure deep lavender, darker inside; blue base. **\$1.45 per doz.; \$11.00 per 100.**
- Sunkist.** Buttercup-yellow. Large, oval-shaped flower borne on a tall, stiff stem. **\$1.30 per doz.; \$10.00 per 100.**
- The Bishop.** Pure violet; white base. **\$1.45 per doz.; \$11.00 per 100.**
- The Peach.** A splendid clear rose-pink deepening to peach-red. The flower is of good size, carried on a strong stem. **\$1.45 per doz.; \$11.00 per 100.**
- White Giant.** Pure white, black anthers. Globular flower. **\$1.30 per doz.; \$10.00 per 100.**
- Wm. Pitt.** Dark scarlet. Early. **\$1.25 per doz.; \$9.50 per 100.**
- Yellow Giant.** Large globular flowers of pure golden yellow carried on a long, sturdy stem. **\$1.25 per doz.; \$9.50 per 100.**
- Zwanenburg.** Very large, pure white flower on tall stem. **\$1.30 per doz.; \$10.00 per 100.**
- Mixed Darwins.** All colors, making a fine display and good for cutting. **\$1.10 per doz.; \$8.50 per 100.**

Individual bulbs are supplied at one-tenth the dozen rate; 25 bulbs at the 100 rate

## TRUMPH TULIPS

This new race of Tulips has well-formed, giant blooms in colors and color combinations distinctly different from all others, being the result of a cross between the Single Early and the Darwin Tulips. They find a place in the garden where it is necessary to bridge the gap between the Single Early and the Late Tulips such as Darwins, Breeders, and Cottage. They are of sturdy, compact growth; exceptionally colorful.

- Elizabeth Evers.** Beautiful large pink flower on strong stem. **\$1.15 per doz.; \$9.00 per 100.**
- Kansas.** Pure white, yellow base; early. **\$1.30 per doz.; \$10.00 per 100.**
- Korneforos.** Brilliant red with white base. Very early. **\$1.10 per doz.; \$8.50 per 100.**
- Telescopium.** Violet-rose; tall. **\$1.25 per doz.; \$9.50 per 100.**
- Ursa Minor.** Golden yellow, long flower. **\$1.25 per doz.; \$9.50 per 100.**
- Mixed.** **\$1.10 per doz.; \$8.50 per 100.**

Individual bulbs are supplied at one-tenth the dozen rate; 25 bulbs at the 100 rate

## COTTAGE TULIPS

### MAY-FLOWERING

Next to the Darwin Tulips, the most important class is the Cottage, also called May-Flowering, Old English, or Single Late. The name "Cottage" is favored, for their garden beauty, adaptability to home ornamentation, color range, fragrance, texture of bloom, fine-shaped flowers and long stems are among their good qualities. As a class, the Cottage Tulips will make themselves at home for a longer time, even under adverse conditions, than any of the other late types.

- Advance.** One of the largest flowers seen in Tulips. When in full bloom resembles an Oriental Poppy. Fiery red with a purplish bloom on the outside and a blue inner base. Early. Tall, erect stem. **\$1.30 per doz.; \$10.00 per 100.**
- Belle Jaune.** Clear yellow, light base; yellow anthers. Early. **\$1.30 per doz.; \$10.00 per 100.**
- Carrara.** A Tulip that will create a sensation wherever shown. Of fine round form, and as white as the marble for which it is named. **\$1.30 per doz.; \$10.00 per 100.**
- Dido.** Rich orange, shaded salmon; inside bright orange, with yellow center. **\$1.30 per doz.; \$10.00 per 100.**
- Golden Harvest.** Soft lemon-yellow with yellow anthers; large. Early. **\$1.15 per doz.; \$9.00 per 100.**
- Grenadier.** Brilliant orange-scarlet. Very fragrant. **\$1.30 per doz.; \$10.00 per 100.**
- Marjorie Bowen.** Buff and salmon; white center. **\$1.30 per doz.; \$10.00 per 100.**
- Marshall Haig.** Brilliant scarlet; yellow base; large flower. **\$1.45 per doz.; \$11.00 per 100.**
- Mother's Day (Lemon Queen).** Soft lemon-yellow. Good form and substance. **\$1.15 per doz.; \$9.00 per 100.**
- Mrs. John T. Scheepers.** Stunning golden yellow; tall, large flower. **\$1.30 per doz.; \$10.00 per 100.**
- White City.** Extra-large, pure white flower; anthers white; strong stem. **\$1.45 per doz.; \$11.00 per 100.**
- Superfine Mixed.** A superb mixture of all colors. **\$1.10 per doz.; \$8.50 per 100.**

Individual bulbs are supplied at one-tenth the dozen rate; 25 bulbs at the 100 rate

## BOTANICAL TULIPS

A most interesting group of wild Tulip species native in the mountain slopes and valleys of Central Asia and Asia Minor. Lovely odd shades, many with reflexed petals and curiously twisted, spotted and reflexed foliage. They belong to the rock-garden where their individual beauty stands out most prominently. Here they thrive and increase if left in the ground year in and year out. Plant in groups of six to twelve among the rocks in fairly deep, well-drained pockets.

- Eichleri.** Crimson-scarlet, shaded orange, with glistening black center marked with gold. Height 8 inches. **\$1.10 per doz.; \$8.50 per 100.**
- Kaufmanniana (Water-Lily Tulip).** Creamy white, tinged rosy red on the outside. Height 6 inches. **\$1.10 per doz.; \$8.50 per 100.**
- Marjoletti.** Soft primrose, shaded carmine-red at base. Height 14 inches. **\$1.45 per doz.; \$11.00 per 100.**
- Praestans, Fusilier.** Flaming orange-red; one to three flowers per stem. Tall. **\$1.45 per doz.; \$11.00 per 100.**
- Red Emperor.** A glorious scarlet-red Tulip of remarkable size and substance, having a large black center. The largest Tulip known. **\$1.50 per doz.; \$11.50 per 100.**
- Sylvestris.** Citron-yellow; sweet-scented. Height 8 inches. **\$1.45 per doz.; \$11.00 per 100.**

Individual bulbs are supplied at one-tenth the dozen rate; 25 bulbs at the 100 rate

## SINGLE EARLY TULIPS

Early Tulips have only one subdivision, that of Single and Double. The outstanding characteristic of this class is the earliness of bloom. On the heels of the crocus and side by side with the daffodils and hyacinths, before the trees and shrubs have made any decided efforts to prove their powers, the Single Early Tulips will march into place and proclaim themselves.

- Coeleur Cardinal.** Crimson-scarlet. **\$1.45 per doz.; \$11.00 per 100.**
- De Wet (Fireglow).** Golden flushed fiery orange-scarlet. **\$1.30 per doz.; \$10.00 per 100.**
- Keizerskroon.** Crimson-scarlet, edged bright yellow; large, showy flowers on very tall and strong stems. **\$1.45 per doz.; \$11.00 per 100.**
- Pink Beauty.** Vivid cherry-rose; center of petals striped white. Very large flower. **\$1.65 per doz.; \$13.00 per 100.**
- Sunburst.** Yellow flushed red. **\$1.30 per doz.; \$10.00 per 100.**
- White Hawk.** Pure white; early. **\$1.30 per doz.; \$10.00 per 100.**
- Finest Single Mixed.** All colors. **\$1.30 per doz.; \$10.00 per 100.**

Individual bulbs are supplied at one-tenth the dozen rate; 25 bulbs at the 100 rate

## DOUBLE EARLY TULIPS

Blooming as they do with the Single Early Tulips, these huge double peony-like blooms are stiff and formal as only a Tulip can be. They have a way of appearing suddenly with a splash of color that is breath-taking.

- Mr. Van Der Hoef.** A beautiful pure yellow sport of the variety Murillo. **\$1.45 per doz.; \$11.00 per 100.**
- Peach Blossom.** Dark pink. **\$1.45 per doz.; \$11.00 per 100.**
- Schoonard.** Pure white; fully double. **\$1.45 per doz.; \$11.00 per 100.**
- Vuurbaak.** Immense, bright fiery scarlet flower on strong stem. Showy bedder; the best double scarlet for forcing. **\$1.45 per doz.; \$11.00 per 100.**
- Finest Double Mixed.** All colors. **\$1.35 per doz.; \$10.00 per 100.**

Individual bulbs are supplied at one-tenth the dozen rate; 25 bulbs at the 100 rate



RED EMPEROR



